

- [54] TEST EQUIPMENT FOR A TELET
TELEVISION RECEIVER**

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- [58] **Field of Search** 358/139; 455/9; 375/10;
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[57]

ABSTRACT

This test equipment permits a testing of the demodulator of a teletext television receiver. It consists of a digital test signal generator, the output of which is connected to the HF input of the television, and a receiver, the input of which is connected to the video output of said receiver. The generator transmits pseudo-random data packets having a first frequency of binary elements, with two double-interval binary elements at two predetermined instants t_1 and t_2 for each packet. The receiver has a data regeneration circuit whose threshold varies line by line from a maximum value to a minimum value. The sampling clock of the receiver is at a second frequency lower than the first by the ratio $(n-2)/n$, where n is equal to the integral ratio of the first frequency to the line frequency of the television. A suitable means insures resynchronization of the sampling clock at the middle of each line. A receiving circuit for the pseudo-random data detects the errors which are transmitted to the video input of the television.

9 Claims, 37 Drawing Figures

